

ERP Facility Risk Assessment

Name(s) of Risk Team Members: B. Heneveld; B. Lein; J. Montalto; T. Doyle; D. Atchison; F. Sauerbrun; G. Hartsough	Point Value → Parameter ↓	1	2	3	4	5
Area/Facility Description Title: Environmental Restoration Projects	Occupancy or Use	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Area/Facility # (if applicable): ERP-FRA-008						
Area/Facility Description: Walking / Working Surfaces and Movement Throughout Grounds	Severity	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	Likelihood	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Date: December 22, 2005 Rev. #: 0						
Reason for Revision (if applicable):				Comments:		

Physical Item or Activity	Hazard(s)	Control(s)	Risk with Controls in Place				Control(s) Added to Reduce Risk	Risk with Additional Controls in Place				% Risk Reduction
			Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Walking in hallways, offices, equipment rooms, and other indoor level surfaces	Falling from same level flooring from slips and trips	Sufficient lighting; floor maintenance; appropriate footwear; housekeeping; Tier I inspections; anti-slip mats at entrances to buildings; signs noting wet areas during cleaning; maintain tied shoe laces	5	2	3	30						
Using stairs; indoors and outdoors	Falls to lower level; trips in upward direction	Sufficient lighting; floor maintenance; appropriate footwear; housekeeping; maintain tied shoe laces; Tier I inspections; signs noting wet areas during cleaning; OSHA compliant stair spacing; snow and ice removal	5	2	3	30						

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Physical Item or Activity	Hazard(s)	Control(s)	Occupancy A	Severity B	Likelihood C	Risk* Ax BxC	Control(s) Added to Reduce Risk	Occupancy A	Severity B	Likelihood C	Risk* Ax BxC	% Risk Reduction
Elevated work in all work areas	Falls and personnel injury	Use only BNL-approved ladders; single straight and extension ladders should be placed on a firm, level surface. the distance from the ladders base to the wall should equal one-fourth the distance from the base to the point of support; ensure non-skid safety feet are in good condition; maintain three points of contact at all times; approximately three feet of a straight ladder should extend above the top most spot to be reached; inspect all ladders prior to use; tie off ladders at top; never work on a ladder without a spotter.	1	5	4	20						
Using ramps and loading docks	Fall to same or lower level	Sufficient lighting; surface maintenance; appropriate footwear; maintain tied shoe laces; housekeeping; Tier I program; non-slip surface coatings; snow and ice removal	5	2	3	30						
Walking on sidewalks and other outdoor paved surfaces	Falls to same level from loss of balance due to uneven surfaces; slips on snow or ice; fall from curbs	Sufficient lighting; surface maintenance; appropriate footwear; maintain tied shoe laces; housekeeping; Tier I program; non-slip surface coatings; snow and ice removal	5	2	3	30						
Walking on unpaved outdoor surfaces including grass	Falls to same level from loss of balance due to uneven surfaces, obscured holes; insect bites (ticks)	Sufficient lighting; surface maintenance; appropriate footwear; maintain tied shoe laces; housekeeping; tucking in pants legs; application of repellants	5	2	3	30						

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Using elevators	Falls to same level if floor not in alignment; impact from closing door; falls from height	Inspection program; sufficient lighting; surface maintenance; appropriate footwear; housekeeping; Tier I program; Emergency phone	4	1	3	12						
Further Description of Controls Added to Reduce Risk:												
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate				61 to 80 Substantial			81 or greater Intolerable		